

Docket No: NEUDECK
Appl. No: 10/713,968

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently amended) A method for automatically configuring a parameterizing surface for parameterizing a controller for a machine, in particular ~~a machine tool or a production machine~~, comprising the steps of:
 - a) automatically identifying at startup of the machine currently connected machine components via a data network which connects the machine components with each other,
 - b) assigning an ID number to each currently connected machine component, wherein the ID number includes data of the corresponding machine component, said data selected from the group consisting of serial number, order number, software version, machine version, manufacturer identification, manufacturer name and performance data,
 - c) automatically identifying a structure of the data network to determine an actual machine topology,
 - d) ~~[[c]]~~ comparing the actual machine topology with stored desired machine topologies, and
 - e) ~~[[d]]~~ if the actual machine topology does not match one of the stored desired machine topologies, generating from the determined actual machine topology a dedicated parameterizing surface that is configured for the actual machine topology, and
 - f) ~~[[e]]~~ for parameterizing the controller, displaying to a user only

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parameters and/or functions of the identified machine components.

2. (Currently amended) The method of claim 1, wherein after performing step ~~b) and c)~~ and d), requiring confirmation of the identified actual machine topology by the user before continuing with step ~~[(d)]~~ e).
3. (Original) The method of claim 1, and further comprising the step of automatically pre-assigning values to the parameters of the identified machine components, wherein the pre-assigned values can be subsequently changed by the user through the parameterizing surface.

Claims 4-9 (Canceled)

10. (New) The method of claim 1, wherein the machine comprises a machine tool or a production machine.